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To: ["Fowlow, Jeffrey"](#)  
Date: 3/3/2019 2:44:55 PM  
Subject: Update - 3 Mar 2019 - Lindsey Lake Tanker Truck Spill (I-84, MP 54; OERS 2019-0334)

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Hello all:

Some updates on the Lindsey Lake Tanker Truck Spill. I will send another update later this week once we have concluded emergency operations.

**Operations:**

- *South side of highway:* We have nearly wrapped up emergency operations on the south side (eastbound lanes) of I-84. Our responders worked through single-digit winds chills this weekend to backfill the excavated area between the highway and the scenic trail using crushed rock. On Monday, we anticipate removing the small additional amount of contaminated snow we have stockpiled there. We will then be placing geotextile fabric above the crushed rock to support roughly a foot of topsoil; the soil will be covered with composting fabric to prevent erosion. Seeding with native grass seed will take place later this spring.
- *North side of highway:* We are roughly 90% done with excavation and backfilling operations on the embankment above Lindsey Lake. Our soil test results show that a small amount of contamination from the spill remains directly under the highway. This contamination lies in a narrow section of soil and rock where our ODOT engineers tell us we aren't able to dig any further because we'd risk destabilizing the road prism. Based on the concentrations we have been measuring so far, we don't anticipate the contamination will pose a threat to human receptors or plants/animals; our monitoring and extraction wells (slated for installation later this week) will tell us more.
- As we wind down emergency operations on the north side of the highway, we will be using hand tools and a snow blower to remove some more contaminated snow that lingers to the west of our current excavation limits. We've identified a significant amount of contaminated material above the culvert through which Lindsey Creek passes under I-84; removing it will be easier (and result in lesser impact to the creek and stream bank) if we effect the removal while temperatures remain below freezing. We'll be extending our erosion control fencing west to mitigate any threat to the wetland area from this operation.
- *On water operations:* We had to make some significant adjustments to our hard boom this weekend following a 5-6 foot drop in river levels, following the return to normal operations by the Army Corps of Engineers. Crews continue to swap out sorbent boom as needed.
- We have now removed 4,028 tons of petroleum contaminated soil and 2,160 cubic yards of contaminated snow from the site. Over 10,000 pounds of contaminated sorbent has been properly disposed of at a local landfill.

**Future outlook:**

- We hope to conclude emergency operations at the site by midweek. Primary erosion controls are in place and we will install secondary controls by Friday.
- Drilling and installation of monitoring/extraction wells will begin on Wednesday or Thursday as soon as we are done with excavation operations.

**Environmental monitoring and assessment activities:**

- Wildlife monitoring, water sampling, and soil sampling continue.
- We discovered one dead fish (a salmonid) on the Lindsey Lake shoreline yesterday following the drop in water level; the carcass has been sent to the U.S. Fish and Wildlife Service for analysis. A sheen was observed yesterday on Lindsey Creek and we continue to observe a sheen in the primary containment area on Lindsey Lake. We still haven't observed a sheen on the Columbia River or outside our primary containment area in Lindsey Lake.
- We are finalizing a plan to remove a small amount of additional sorbent which was thrown by snow plows onto the steep hillside to the south of the highway; removal will take place in the coming weeks.
- Work continues on our longer term restoration and monitoring plans.

Very respectfully,  
Jamie

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